

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An apparatus for use with a clamp including first and second clamp members, the apparatus comprising:

a base member ~~support device~~ configured to be removably secured to a ~~at least one of the~~ first ~~and second~~ clamp members;

a support member, the base member being configured to receive the support member;

a coagulation element carried by the support member ~~device~~; and

a stimulation element carried by the support member ~~device~~.

2. (Currently Amended) An apparatus as claimed in claim 1, wherein the base member ~~support device~~ includes a mating structure configured to mate with the first clamp member.

3. (Currently Amended) An apparatus as claimed in claim 2, wherein the base member ~~support device~~ mating structure comprises a relatively narrow portion and a relatively wide portion.

4. (Original) An apparatus as claimed in claim 1, wherein the coagulation element defines a coagulation element configuration, the stimulation element defines a stimulation element configuration, and the stimulation element configuration is different than the coagulation element configuration.

5. (Original) An apparatus as claimed in claim 1, wherein the coagulation element comprises a coagulation electrode.

6. (Original) An apparatus as claimed in claim 5, wherein the stimulation element comprises a stimulation electrode.

7. (Original) An apparatus as claimed in claim 6, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length,

and the coagulation electrode length is greater than the stimulation electrode length.

8. (Original) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode.

9. (Withdrawn) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode pair.

10. (Original) An apparatus as claimed in claim 1 further comprising: first and second coagulation element wires connected to the coagulation element.

11. (Original) An apparatus as claimed in claim 1, wherein the stimulation element is located distally of the coagulation element.

12. (Withdrawn) An apparatus as claimed in claim 1, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

13. (Currently Amended) An apparatus as claimed in claim 1, further comprising, ~~wherein the support device defines a first support device configured to be removably secured to the first clamp member, the coagulation element defines a first coagulation element and the stimulation element defines a first stimulation element, the apparatus further comprising:~~

a second base member support device configured to be removably secured to the second clamp member, a second support member, the second base member configured to receive the second support member; a second coagulation element carried by the second support member, and a second stimulation element carried by the second support member~~support device;~~ and a ~~second stimulation element carried by the second member~~support device.

14. (Currently Amended) An apparatus, comprising:

a clamp including a first clamp member, a second clamp member, and movement apparatus that moves at least one of the first and second clamp members relative to the other of the first and second clamp members such that the surgical apparatus has an open state and a closed state;

a base member configured to be removably secured to a first clamp member;
a support member, the base member being configured to receive the support member;
 a coagulation element ~~associated with~~ carried by the support member ~~one of the first and second clamp members;~~ and
 a stimulation element ~~associated with~~ carried by the support member ~~one of the first and second clamp members.~~

15. (Original) An apparatus as claimed in claim 14, wherein the coagulation element comprises a coagulation electrode.

16. (Original) An apparatus as claimed in claim 15, wherein the stimulation element comprises a stimulation electrode.

17. (Original) An apparatus as claimed in claim 16, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length, and the coagulation electrode length is greater than the stimulation electrode length.

18. (Original) An apparatus as claimed in claim 14, wherein the stimulation element comprises a stimulation electrode.

19. (Withdrawn) An apparatus as claimed in claim 14, wherein the stimulation element comprises a stimulation electrode pair.

20. (Original) An apparatus as claimed in claim 14, further comprising: first and second coagulation element wires connected to the coagulation element.

21. (Withdrawn) An apparatus as claimed in claim 14, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

22. (Currently Amended) An apparatus as claimed in claim 14, further comprising a second base member, a second support member, the second base member being configured to receive the second support member, a second coagulation element ~~associated with~~ carried by the second

~~support member one of the first and second clamp members; and a second stimulation element associated with carried by the second support member one of the first and second clamp members wherein the coagulation element defines a first coagulation element, the stimulation element defines a first stimulation element and the first coagulation element and first stimulation element are associated with the first clamp member, the apparatus further comprising: a second coagulation element associated with the second clamp member; and a second stimulation element associated with the second clamp member.~~

23. (Withdrawn) An apparatus as claimed in claim 22, wherein the first stimulation element comprises a pair of stimulation elements on opposite sides of the first coagulation element and the second stimulation element comprises a pair of stimulation elements on opposite sides of the second coagulation element.

24-37 (Canceled).

38. (Currently Amended) A surgical system, comprising
 a source of coagulation energy;
 a source of stimulation energy; and
 an apparatus including a clamp having a first clamp member, a second clamp member, and movement apparatus that moves at least one of the first and second clamp members relative to the other of the first and second clamp members such that the surgical apparatus has an open state and a closed state, a base member configured to be removably secured to a first clamp member, a support member, the base member being configured to receive the support member, a coagulation element associated with carried by the support member ~~one of the first and second clamp members~~, and a stimulation element ~~associated with~~ carried by the support member ~~one of the first and second clamp members~~.
39. (Original) A surgical system as claimed in claim 38, wherein the coagulation element defines a coagulation element configuration, the stimulation element defines a stimulation element configuration, and the stimulation element configuration is different than the coagulation element configuration.
40. (Original) A surgical system as claimed in claim 38, wherein the coagulation element comprises a coagulation electrode.
41. (Original) A surgical system as claimed in claim 40, wherein the stimulation element comprises a stimulation electrode.
42. (Original) A surgical system as claimed in claim 41, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length, and the coagulation electrode length is greater than the stimulation electrode length.
43. (Original) A surgical system as claimed in claim 38, wherein the stimulation element comprises a stimulation electrode.
44. (Withdrawn) A surgical system as claimed in claim 38, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

45. (Currently Amended) A surgical system as claimed in claim 38, ~~wherein the coagulation element defines a first coagulation element, the stimulation element defines a first stimulation element and the first coagulation element and first stimulation element are associated with the first clamp member, the apparatus further comprising: a second base member configured to be removably secured to the second clamp member, a second support member, the second base member being configured to receive the second support member, a second coagulation element carried by the second support member associated with the second clamp member; and a second stimulation element carried by the second support member associated with the second clamp member.~~

46. (Withdrawn) A surgical system as claimed in claim 45, wherein the first stimulation element comprises a pair of stimulation elements on opposite sides of the first coagulation element and the second stimulation element comprises a pair of stimulation elements on opposite sides of the second coagulation element.

47. (Currently Amended) An apparatus for use with a clamp including first and second clamp members, the apparatus comprising:

a base member support device configured to be removably secured to ~~at least one of the first and second clamp members;~~

a support member, the base member being configured to receive the support member;

means, carried by the support member device, for transmitting coagulation energy to tissue; and

means, carried by the support member device, for transmitting stimulation energy to tissue.

48. (Currently Amended) An apparatus as claimed in claim 47, wherein the base member support device includes a mating structure configured to mate with the at least one of the first and second clamp members~~first clamp member.~~

49. (Currently Amended) An apparatus as claimed in claim 48, wherein the base member support device mating structure comprises a relatively narrow portion and a relative wide

portion.

50. (Previously Presented) An apparatus as claimed in claim 47 further comprising:
first and second wires connected to the means for transmitting coagulation energy to tissue.

51. (Previously Presented) An apparatus as claimed in claim 47, wherein means for transmitting stimulation energy to tissue is located distally of the means for transmitting coagulating energy to tissue.

52. (Currently Amended) An apparatus as claimed in claim 47, ~~wherein the support device defines a first support device configured to be removably secured to the first clamp member, the means for transmitting coagulation energy defines first means for transmitting coagulation energy, and the means for transmitting stimulation energy defines first means for transmitting stimulation energy, the apparatus further comprising:~~

a second base member ~~a second support device~~ configured to be removably secured to the second clamp member;

a second support member, the second base member being configured to receive the second support member;

second means, carried by the second support member ~~device~~, for transmitting coagulation energy to tissue; and

second means, carried by the second support member ~~device~~, for transmitting stimulation energy to tissue.